1.4

M

Adult

65

B

in tail region

M F M Vanable	Child Adult Elderly	Example.	1.3 so we are	e region A and B e region A and B re rejecting the Null hypothesis pthe alternate hypothesis. Hypothesis
- Carego	feature	In Grender (MAF)	proportion test	Ho-There is no difference.
Two categor		Is there any difference Mole and famole based on their age group	CMi-square test	Ho-There is no difference.
One continu	Variable	Height. 15 there is difference between mean height of two different sample	T test (used in other scenario also, check last box)	Ho-There is difference.
Two confin	variable	Height, weight. Is there any Elahonship between height and weight	Correlation Pearson or Spearmon Ronge from -1 to 10 O indicates zerordali	Ho-There is no difference. HI-There is difference. (relationship)
One numeric	ory.	Height vs Gender. Height vs Gender vs. Age group (More than 2 category)	Anova test (Var should contain of more than 2 cotragers)	Ho- There is no difference.
One numer	scal vs.	Height vs Gender. In each variable, It contain exactly 2 cotegories	T test (Variable about contexact 2 category)	Ho-There is no difference.
- Every to	st gives I hypothe	Pralue as out als and accept	put. If P value the alternate h	≠ significance level reject ypothesis